

1 BILL NO. S-82-12-15

2 SPECIAL ORDINANCE NO. S- 244-82

3 AN ORDINANCE approving Change Order
4 No. 4 and Final, Resolution No. 314-80,
5 Phase I, Hollywood Gardens-Beverly Heights,
6 Project No. C-180599-06, in connection
7 with the Board of Public Works.

8 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
9 FORT WAYNE, INDIANA:

10 SECTION 1. That Change Order No. 4 and Final, Resolu-
11 tion No. 314-80, Phase I, Hollywood Gardens-Beverly Heights,
12 Project No. C-180599-06, with Earth Construction & Engineering,
13 Inc., in connection with the Board of Public Works, for:

14 the adjustment of estimated quantities in
15 the contract unit price to conform with
16 actual quantities installed in order to
17 close out and complete the project;

18 involving a net increase in the amount of Eighteen Thousand
19 Six Hundred Twenty-Three and 01/100 Dollars (\$18,623.01), all
20 as more particularly set forth in the specifications, and which
21 is on file with the Office of the Board of Public Works and is
22 by reference incorporated herein, made a part hereof and is
23 hereby in all things ratified, confirmed and approved.

24 SECTION 2. That this Ordinance shall be in full force
25 and effect from and after its passage and any and all necessary
26 approval by the Mayor.

27 APPROVED AS TO FORM
28 AND LEGALITY

29 
Council Member

30 
31 Bruce O. Boxberger, City Attorney
32

Read the first time in full and on motion by Burns, seconded by Stier, and duly adopted, read the second time by title and referred to the Committee City Clerk (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, 19____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 12-14-82 Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Burns, seconded by Stier, and duly adopted, placed on its passage. PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 12-28-82 Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING-MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) NO. 224482 on the 28th day of December, 1982

ATTEST: (SEAL)
Charles W. Westerman Samuel J. Talarico
CHARLES W. WESTERMAN - CITY CLERK PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 29th day of December, 1982, at the hour of 11:30 o'clock PM, E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 30 day of January, 1983, at the hour of 12:30 o'clock P M., E.S.T.

Win Moses, Jr.
WIN MOSES, JR. - MAYOR

BILL NO. S-82-12-15

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 4 and Final, Resolution No.

314-80, Phase I, Hollywood Gardens-Beverly Heights, Project No.

C-180599-06, in connection with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS - CHAIRMAN

MARK E. GIAQUINTA - VICE CHAIRMAN

JAMES S. STIER

JANET G. BRADBURY

ROY J. SCHOMBURG

DATE

1-28-82
CONCURRED IN
CHARLES W. WIEBERMAN, CITY CLERK

72-147-23

CHANGE ORDERChange Order No. 4 and FinalProject No. C-180599-06Name of Project: Hollywood Gardens-Beverly Heights -Resolution No. 314-80 Phase IBoard Order No. 15-80Date: Nov 17, 1982To: Earth Construction & Engineering, Inc

(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price	
				Decrease	Increase
		See Attached			
Total Decrease				61,074.31	
Total Increase					42,451.30
Net (Decrease) (XXXXXX)				18,623.01	
Contract Price					

The sum of \$ 18,623.01 is hereby (~~added~~) (deducted from) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price

Current Contract Price Adjusted by Previous Change Order

New Contract Price including this Change Order

\$ 806,316.05\$ 856,966.05\$ 838,343.04 4.0%

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: William Embury Chief EngineerDate Nov 17, 1982Accepted by: Michael C. Eustice Vice-President/ContractorDate Nov. 5, 1982Approved by: Philip R. Ballew City EngineerDate Nov. 22, 1982Approved by: Bill Plottin OwnerDate 11/24/82Attested by: Sandra E. Kennedy ClerkDate 11/24/82

ATTACHMENT TO CHANGE ORDER
 St. Joe Study Area C-180599-06 - B.O. 15-80
 Resolution 314-80 Phase I - "Hollywood Gardens"
 EARTH CONSTRUCTION & ENGINEERING., INC.. Contractor

Item No.	Quantity	Description of Change		Change in Contract Price	
		Description	Unit Price	Decrease	Increase
1	68 LF	8" Sewer Pipe	13.85	941.80	
2	20 LF	10" Sewer Pipe	14.60		292.00
3	8 LF	15" Sewer Pipe	27.95	223.60	
4	4 EA	Std. MH Type I-A	1,250.00	5,000.00	
6	5 EA	Std. MH Type VI-A	2,495.00		12,475.00
7	16 EA	6" 'T' or 'WYE' Tapping Unit & plug w/cap	27.90		446.40
8*	191 LF	6" Building Sewer Pipe	14.50		2,769.50
9	1,212 CY	Special Backfill	4.20	5,090.40	
10	614.47CY	#53 or #73 Special Backfill	10.15	6,236.87	
11	48 SY	4" Asphalt (Driveways)	11.50		552.00
12	222 SY	6" Concrete (Driveways)	10.60	2,353.20	
13	574 SY	6" Concrete (Streets)	10.60	6,084.40	
14	350 SY	8" Concrete (Streets)	12.25	4,287.50	
15	899 SY	2" Asphaltic Surface (Streets)	3.50		3,146.50
16	5,200 SY	Double Chip and Seal	1.80		9,360.00
17	6,034 SY	Seeding and 2" Mulch	0.60		3,620.40
18	8,956 SY	Broadcast Seeding	0.35		3,134.60
19	967 LF	4"-12" Tile Replacement	9.70	9,379.90	
Non-Grant Eligible Items			Total Decrease		
			Total Increase	CONTINUED	NEXT PAGE
Net (Decrease)(Increase)			Contract Price		

STUDY AREA C-180599-06 - B.O. 15-80
 Resolution 314-80 - Phase I - "Hollywood Gardens"
 EARTH CONSTRUCTION & ENGINEERING, INC. Contractor

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
20	100 LF	15"-18" tile Replacement	13.85	1,385.00	
21	617 LF	Culvert Pipe 8"-15" CMP (inc. hdwl)	15.70	9,686.90	
22	2500 LF	Dewatering	0.50	1,250.00	
23	26 LF	15" Encased Boring Complete	237.00		6,162.00
24	2244 LF	New Fence Replacement	2.45	5,497.80	
27	142 CY	Base Stabilization	4.00	568.00	
29	109.15Tn	Asphalt Binder 330 #/SY	28.30	3,088.94	
30	15.5 Tn	Asphalt Surface 110 #/SY	31.80		492.90
Non-Grant Eligible Items			Total Decrease	61,074.31	
			Total Increase		42,451.30
Net (Decrease) (XXXXXXX)			Contract Price	18,623.01	

Change Order No. 4 and Final

Resolution No. 314-80 Phase I

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

SEE ATTACHED JUSTIFICATION

2. Will proposed change alter size of the project? Yes _____ No X
If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill 4/9/82
Project Engineer

FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CQ. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
1	8" Sewer Pipe	12,215± LF	13.85	4	(68 LF)		12,147 LF	168,235.95
2	10" Sewer Pipe	610± LF	14.60	4	20 LF		630 LF	9,198.00
3	15" Sewer Pipe	8,420± LF	27.95	4	(8 LF)		8,412 LF	235,115.40
4	Std. MH Type I-A	67± EA	1,250.00	4	(4 EA)		63 EA	78,750.00
5	Std. Cleanout	2± EA	210.00				2 EA	420.00
6	Std. MH Type VI-A	2± EA	2,495.00	4	5 EA		7 EA	17,465.00
7	6" 'T' or 'WYE' Tap Unit w/5/8" and 1/2" Plug	202± EA	27.90	4	16 EA		218 EA	6,082.20
8*	6" Building Sewer Pipe	5,000± LF	14.50	4	191 LF		5,191 LF	75,269.50
9	Special Backfill	1,000± CY	4.20	1	10,100± CY	11,100± CY		
10	#53 or #73 Special Backfill	5,800± CY	10.15	1	(1,212 CY)	2,300± CY	9,888 CY	41,529.60
11	4" Asphalt (Driveways)	160± SY	11.50	4	(614.47CY)		1,685.53CY	17,108.13
12	6" Concrete (Driveways)	300± SY	10.60	4	(222 SY)		208 SY	2,392.00
13	6" Concrete (Streets)	750± SY	10.60	4	(574 SY)		78 SY	826.80
14	8" Concrete (Streets)	350± SY	12.25	4	(350 SY)	None	176 SY	1,865.60
15	2" Asphaltic Surface (Streets)	1,500± SY	3.50	4	899 SY		2,399 SY	8,396.50
16	Double Chip and Seal	20,000± SY	1.80	4	5,200 SY		25,200 SY	45,360.00
17	Seeding and 2" Mulch	25,500± SY	0.60	4	6,034 SY		31,534 SY	18,920.40
18	Broadcast Seeding	9,500± SY	0.35	4	8,956 SY		18,456 SY	6,459.60
19	4"-12" Tile Replacement	1,000± LF	9.70	1	1,500± LF	2,500± LF		
20	15"-18" Tile Replacement	100± LF	13.85	4	(967 LF)	None	1,533 LF	14,870.10
21	Culvert Pipe 8"-15" CMP (inc. hdwl)	650± LF	15.70	4	(617 LF)		33 LF	518.10
22	Dewatering	2,500± LF	0.50	4	(2,500 LF)	None		
23	15" Encased Boring Complete	190± LF	237.00	4	26 LF		216 LF	51,192.00

FEDERAL GRANT-C-180599-0
RESOLUTION-- 314-80 Phase I

FINAL QUANTITIES

[illegible]

SUPPLEMENT

NON-GRANT ELIGIBLE ITEMS

[illegible]

JUSTIFICATION FOR CHANGE ORDER #4 and FINAL
St. Joe Study Area C-180599-06 - B.O. 15-80
Resolution 314-80 - Phase I - "Hollywood Gardens, Mayfield Place"

EARTH CONSTRUCTION & ENGINEERING, INC., Contractor

Items #1, 2 and 3

Final field measurements indicate mostly decreases in the actual pipe installed after deducting manholes.

Items #4 and 6

There were more drop manholes required than the Standard Type I-A required. The as-built plans will reflect these manholes.

Items #7 and 8

Actual taps installed have been taken from inspector's daily reports. Item #8 also shows a slight increase.

Items #9 and 10

Both of the above items reflect substantial decreases from the original bid quantity. It should also be noted here that 90% of Item #10 quantity reflects stone subbase that was used on Windsor Road for the new asphalt pavement.

Items #11, 12, 13, 14, 16, 17, 18

The above items reflect increases and decreases based on final field measurements. The 4" asphalt item was also used for trench cuts across Cook Road where the sewer was relocated on the south side.

Item #15

This original bid item was to be used for surface overlay on part of Ashley Avenue. However, cores taken revealed that Ashley Avenue was chip and seal with some areas involved asphalt underneath. Consequently, this item was, used for various purposes in order to get a better restoration for chip and seal.

Ashley Avenue had totally deteriorated due to sewer construction and its depth and in order to get a decent base, the Engineering Department decided to wedge part of Ashley Avenue with asphalt before chip and seal. Also, several tap trench cuts were also patched with 2" asphalt in lieu of 4".

We also managed to bring the \$3.50/SY or \$31.80/Ton down to \$30.00/Ton for wedging these deteriorated areas.

A total of 279.9 tons of binder was used which at \$30.00/Ton = \$8,397.00. This dollar amount was then prorated into unit bid item as $\$8,397.00/\$3.50 = 2,399 \text{ SY.}$

Items #19, 20 and 21

From inspector's records, both of the above items reflect substantial decreases. No 15"-18" tiles were involved on this project.

Items #22 and 27

No dewatering was done on this project. Base stabilization was used for most part along Cook Road and Ashley Avenue where the main line was extremely deep.

Item #23

This bid item reflects an increase from the original bid quantity. At time of field location of existing utilities, it was revealed that there were several underground cables, traffic signal equipment on the east side of State Highway #3. The end of the bore at this location would have been in direct conflict with all these utilities and the State Highway Department requested to relocate the bore. Relocating such utilities and disrupting the traffic signals was not very cost-effective alternative and could have run into thousands of dollars. Therefore, the bore was relocated across the highway at an angle and was terminated past the underground cables on the south side of Cook Road, instead of the north side. This reroute increased the length of the bore.

Item #24

Minor fence replacement was done on this project.

Items #29 and 30

The above two items were used on Windsor Road and were explained in depth under a previous change order #3. A substantial net savings was achieved in the final asphalt quantity.

Resolution 314-80 Phase I - "Hollywood Gardens"
EARTH CONSTRUCTION & ENGINEERING, INC.. Contractor

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*Non-Grant Eligible Items			Total Decrease		
			Total Increase	CONTINUED	NEXT PAGE
Net (Decrease)(Increase)			Contract Price		

TITLE OF ORDINANCE Change Order #4 and FINAL, Resolution 314-80, Phase I,
Hollywood Gardens-Beverly Heights, Project C-180599-06
DEPARTMENT REQUESTING ORDINANCE Board of Public Works

SYNOPSIS OF ORDINANCE This is a close out change order to adjust the estimated
quantities in the contract unit price to agree with actual quantities installed
under this project. Contractor is Earth Construction & Engineering, Inc.

S-82-12-15

EFFECT OF PASSAGE To complete project:

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) \$18,623.01 Increase

ASSIGNED TO COMMITTEE